

Patent Abstracts of Japan

PUBLICATION NUMBER : 09048626
PUBLICATION DATE : 18-02-97

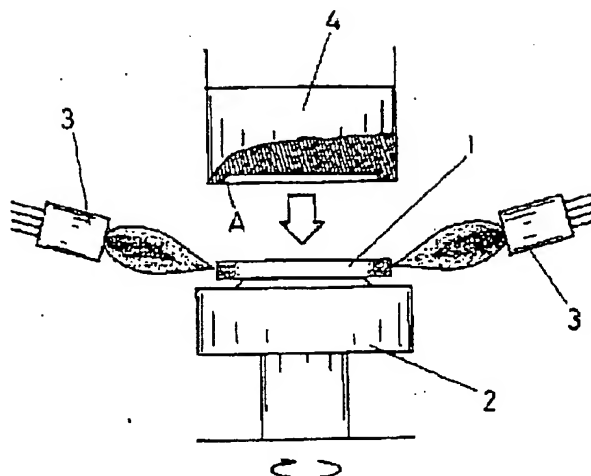
APPLICATION DATE : 02-08-95
APPLICATION NUMBER : 07218229

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INT.CL. : C03B 32/02 G04B 39/00 G04B 45/00

TITLE : COVER GLASS FOR WRISTWATCH
AND ITS PRODUCTION



ABSTRACT : PROBLEM TO BE SOLVED: To partially color glass in stained-tone by using crystallized glass as a glass material and heating a specific part of molded glass.

SOLUTION: Glass 1 composed of e.g. $\text{Li}_2\text{O}-\text{Al}_2\text{O}_3-\text{SiO}_2$ material to which is added a nucleus forming material (TiO_2) transparent in a glassy state as a glass base raw material is cut to a cover glass state, pre-heated to about 300°C , set on a rotation stage 2 of a press molder set at about 400°C and a peripheral part is continuously heated by left and right burners 3 to a softened state at about 830°C under rotating in a low speed. Simultaneously, a temperature of a press mold 4 made of a super alloy material and having a mirror- finished surface part contacting with glass is set at about 520°C near a distortion temperature of the crystallized glass 1 and the press mold is fallen on the softened crystallized glass 1, then the crystallized glass is press-molded with quenching by an inner tilted face A-part in a depressed part of the mirror face of the press mold 4. Thus, cover glass of a stained glass-tone having transparent central part of a glass window and a milky white outer peripheral part is obtained.

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